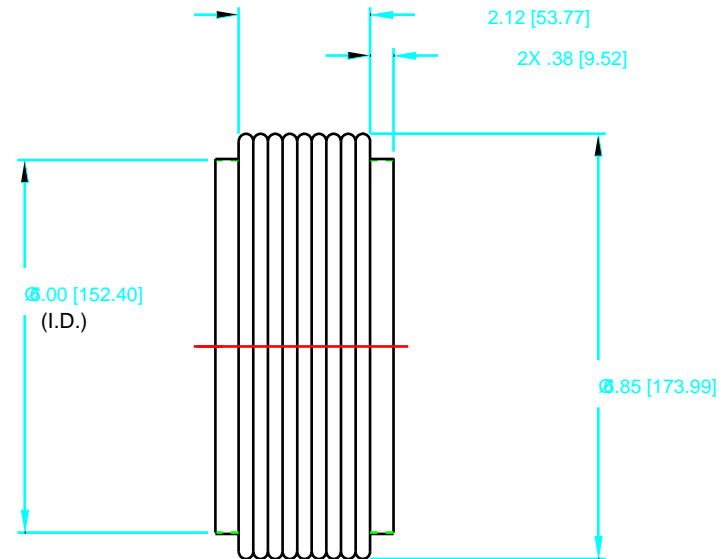


NOTES:

1. MAKE SIMILAR TO MDC'S FORMED BELLOWS #470022
2. THIS IS A ULTRA- HIGH VACUUM COMPONENT (UHV)
3. WHEN MACHINING VACUUM PARTS, USE OF SILICONE AND SULPHUR-BASED CUTTING FLUIDS IS PROHIBITED. USE ONE OF THE FOLLOWING:
  - A) CIMCOOL 5 STAR 49
  - B) TRIM SOL
4. FINISHING: WHEN MACHINING VACUUM PARTS USE OF ABRASIVE PAPER OR SANDING DISCS, BUFFING OR POLISHING COMPOUNDS, OR RESIN-BONDED GRINDING WHEELS IS PROHIBITED
5. CLEANING: THE COMPONENT MUST BE CLEANED SUCH THAT A UHV PRESSURE OF 1 X 10<sup>-9</sup> TORR CAN BE ACHIEVED
6. HANDLING: THE COMPONENTS SHALL BE HANDLED WITH WHITE SILK GLOVES AND WRAPPED WITH ALUMINUM FOIL TYPE DRY ANNEAL AND UNDER CLEAN ROOM CONDITIONS
7. DIMENSIONS IN [ ] ARE MILLIMETERS AND FOR REF. ONLY



SYN	CHANGE DESCRIPTION	BY	CHKD	DATE

ITEM	DWG/PART NUMBER	NOMENCLATURE OR DESCRIPTION	MATERIAL / SPEC	QTY
<b>PARTS LIST</b>				
UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN INCHES		LOG NUMBER <b>K5210101-00</b>	THIS DRAWING IS THE PROPERTY OF <b>ARGONNE NATIONAL LABORATORY</b>	
DECIMALS .X ± .1 [2.5] .XX ± .01 [0.25] .XXX ± .005 [0.13]		ANGULAR ± 0°30'		
SURFACE ROUGHNESS $\sqrt{125}$		REMOVE ALL BURRS AND BREAK SHARP EDGES .03 MAX. SURFACE TEXTURE TO BE IN ACCORDANCE WITH LATEST ANSI B46.1		
DIMENSIONING & TOLERANCING IN ACCORDANCE WITH LATEST ANSI Y14.5		DIMENSIONING & TOLERANCING IN ACCORDANCE WITH LATEST ANSI Y14.5		
DO NOT SCALE DRAWING				
DRAWN BY <b>MUSCIA</b>		DATE <b>8/10/98</b>	CHIEF DESIGN ENGINEER <b>D. SHU</b>	DATE <b>9/9/98</b>
CHECKED BY <b>J. CHANG</b>		DATE <b>9/9/98</b>	GP LEADER <b>T.M. KUZAY</b>	DATE <b>9/14/98</b>
DESIGNER <b>CHANG/MUSCIA</b>		DATE <b>8/10/98</b>	PROJECT MGR.	DATE
RESPONSIBLE ENGINEER <b>J. CHANG</b>		DATE <b>9/9/98</b>	APPROVED/RELEASED	DATE
MATERIAL <b>.010 THK. 321 STAINLESS ST'L.</b>		SCALE <b>HALF</b> SIZE <b>B</b> DRAWING NUMBER <b>K5-210101-00</b>		
		SHEET <b>1 of 1</b>		